

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/009,013D  
Source: OTPE - EFS  
Date Processed by STIC: 3-21-05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 03/21/2005

PATENT APPLICATION: US/10/009,013D

TIME: 08:45:15

Input Set : N:\efs\10009013D\_efs\USSN\_10009013\_ST25.txt

Output Set: N:\CRF4\03212005\J009013D.raw

3 <110> APPLICANT: Skeie, Geir Olve  
 5 <120> TITLE OF INVENTION: Detection of Ryanodione Receptor Antibodies  
 7 <130> FILE REFERENCE: PCT/NO00/00200  
 9 <140> CURRENT APPLICATION NUMBER: US 10/009,013D  
 C--> 10 <141> CURRENT FILING DATE: 2001-12-06  
 12 <160> NUMBER OF SEQ ID NOS: 2  
 14 <170> SOFTWARE: PatentIn version 3.3  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 374  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Homo sapiens  
 21 <400> SEQUENCE: 1  
 23 Glu Phe Lys Phe Leu Pro Pro Pro Gly Tyr Ala Pro Cys His Glu Ala  
 24 1 5 10 15  
 27 Val Leu Pro Arg Glu Arg Leu Arg Leu Glu Pro Ile Lys Glu Tyr Arg  
 28 20 25 30  
 31 Arg Glu Gly Pro Arg Gly Pro His Leu Val Gly Pro Ser Arg Cys Leu  
 32 35 40 45  
 35 Ser His Thr Asp Phe Val Pro Cys Pro Val Asp Thr Val Gln Ile Val  
 36 50 55 60  
 39 Leu Pro Pro His Leu Glu Arg Ile Arg Glu Lys Leu Ala Glu Asn Ile  
 40 65 70 75 80  
 43 His Glu Leu Trp Ala Leu Thr Arg Ile Glu Gln Gly Trp Thr Tyr Gly  
 44 85 90 95  
 47 Pro Val Arg Asp Asp Asn Lys Arg Leu His Pro Cys Leu Val Asn Phe  
 48 100 105 110  
 51 His Ser Leu Pro Glu Pro Glu Arg Asn Tyr Asn Leu Gln Met Ser Gly  
 52 115 120 125  
 55 Glu Thr Leu Lys Thr Leu Leu Ala Leu Gly Cys His Val Gly Met Ala  
 56 130 135 140  
 59 Asp Glu Lys Ala Glu Asp Asn Leu Lys Lys Thr Lys Leu Pro Lys Thr  
 60 145 150 155 160  
 63 Tyr Met Met Ser Asn Gly Tyr Lys Pro Ala Pro Leu Asp Leu Ser His  
 64 165 170 175  
 67 Val Arg Leu Thr Pro Ala Gln Thr Thr Leu Val Asp Arg Leu Ala Glu  
 68 180 185 190  
 71 Asn Gly His Asn Val Trp Ala Arg Asp Arg Val Ala Gln Gly Trp Ser  
 72 195 200 205  
 75 Tyr Ser Ala Val Gln Asp Ile Pro Ala Arg Arg Asn Pro Arg Leu Val  
 76 210 215 220  
 79 Pro Tyr Arg Leu Leu Asp Glu Ala Thr Lys Arg Ser Asn Arg Asp Ser  
 80 225 230 235 240  
 83 Leu Cys Gln Ala Val Arg Thr Leu Leu Gly Tyr Gly Tyr Asn Ile Glu

## RAW SEQUENCE LISTING

DATE: 03/21/2005

PATENT APPLICATION: US/10/009,013D

TIME: 08:45:15

Input Set : N:\efs\10009013D\_efs\USSN\_10009013\_ST25.txt

Output Set: N:\CRF4\03212005\J009013D.raw

```

84          245          250          255
87 Pro Pro Asp Gln Glu Pro Ser Gln Val Glu Asn Gln Ser Arg Trp Asp
88          260          265          270
91 Arg Val Arg Ile Phe Arg Ala Glu Lys Ser Tyr Thr Val Gln Ser Gly
92          275          280          285
95 Arg Trp Tyr Phe Glu Phe Glu Ala Val Thr Thr Gly Glu Met Arg Val
96          290          295          300
99 Gly Trp Ala Arg Pro Glu Leu Arg Pro Asp Val Glu Leu Gly Ala Asp
100 305          310          315          320
103 Glu Leu Ala Tyr Val Phe Asn Gly His Arg Gly Gln Arg Trp His Leu
104          325          330          335
107 Gly Ser Glu Pro Phe Gly Arg Pro Trp Gln Ser Gly Asp Val Val Gly
108          340          345          350
111 Cys Met Ile Asp Leu Thr Glu Asn Thr Ile Ile Phe Thr Leu Asn Gly
112          355          360          365
115 Glu Val Leu Met Ser Asp
116          370
119 <210> SEQ ID NO: 2
120 <211> LENGTH: 348
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 2
126 Arg Gly Arg Ser Leu Thr Lys Ala Gln Arg Asp Val Ile Glu Asp Cys
127 1          5          10          15
130 Leu Met Ala Leu Cys Arg Tyr Ile Arg Pro Ser Met Leu Gln His Leu
131          20          25          30
134 Leu Arg Arg Leu Val Phe Asp Val Pro Ile Leu Asn Glu Phe Ala Lys
135          35          40          45
138 Met Pro Leu Lys Leu Leu Thr Asn His Tyr Glu Arg Cys Trp Lys Tyr
139          50          55          60
142 Tyr Cys Leu Pro Thr Gly Trp Ala Asn Phe Gly Val Thr Ser Glu Glu
143 65          70          75          80
146 Glu Leu His Leu Thr Arg Lys Leu Phe Trp Gly Ile Phe Asp Ser Leu
147          85          90          95
150 Ala His Lys Lys Tyr Asp Gln Glu Leu Tyr Arg Met Ala Met Pro Cys
151          100          105          110
154 Leu Cys Ala Ile Ala Gly Ala Leu Pro Pro Asp Tyr Val Asp Ala Ser
155          115          120          125
158 Tyr Ser Ser Lys Ala Glu Lys Lys Ala Thr Val Asp Ala Glu Gly Asn
159          130          135          140
162 Phe Asp Pro Arg Pro Val Glu Thr Leu Asn Val Ile Ile Pro Glu Lys
163 145          150          155          160
166 Leu Asp Ser Phe Ile Asn Lys Phe Ala Glu Tyr Thr His Glu Lys Trp
167          165          170          175
170 Ala Phe Asp Lys Ile Gln Asn Asn Trp Ser Tyr Gly Glu Asn Val Asp
171          180          185          190
174 Glu Glu Leu Lys Thr His Pro Met Leu Arg Pro Tyr Lys Thr Phe Ser
175          195          200          205
178 Glu Lys Asp Lys Glu Ile Tyr Arg Trp Pro Ile Lys Glu Ser Leu Lys

```

## RAW SEQUENCE LISTING

DATE: 03/21/2005

PATENT APPLICATION: US/10/009,013D

TIME: 08:45:15

Input Set : N:\efs\10009013D\_efs\USSN\_10009013\_ST25.txt

Output Set: N:\CRF4\03212005\J009013D.raw

```

179      210      215      220
182 Ala Met Ile Ala Trp Glu Trp Thr Ile Glu Lys Ala Arg Glu Gly Glu
183 225      230      235      240
186 Glu Glu Arg Thr Glu Lys Lys Lys Thr Arg Lys Ile Ser Gln Thr Ala
187      245      250      255
190 Gln Thr Tyr Asp Pro Arg Glu Gly Tyr Asn Pro Gln Pro Pro Asp Leu
191      260      265      270
194 Ser Gly Val Thr Leu Ser Arg Glu Leu Gln Ala Met Ala Glu Gln Leu
195      275      280      285
198 Ala Glu Asn Tyr His Asn Thr Trp Gly Arg Lys Lys Lys Gln Glu Leu
199      290      295      300
202 Glu Ala Lys Gly Gly Gly Thr His Pro Leu Leu Val Pro Tyr Asp Thr
203 305      310      315      320
206 Leu Thr Ala Lys Glu Lys Ala Arg Asp Arg Glu Lys Ala Gln Glu Leu
207      325      330      335
210 Leu Lys Phe Leu Gln Met Asn Gly Tyr Ala Val Thr
211      340      345

```

VERIFICATION SUMMARY

DATE: 03/21/2005

PATENT APPLICATION: US/10/009,013D

TIME: 08:45:16

Input Set : N:\efs\10009013D\_efs\USSN\_10009013\_ST25.txt

Output Set: N:\CRF4\03212005\J009013D.raw

L:10,M:271 C: Current Filing Date differs, Replaced Current Filing Date